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QUESTION 1

A new employee has been hired to perform system administration duties across a large enterprise comprised of multiple separate security domains. Each remote location implements a separate security domain. The new employee has successfully responded to and fixed computer issues for the main office. When the new employee tries to perform work on remote computers, the following messages appears. You need permission to perform this action. Which of the following can be implemented to provide system administrators with the ability to perform administrative tasks on remote computers using their uniquely assigned account?

- A. Implement transitive trust across security domains
- B. Enable the trusted OS feature across all enterprise computers
- C. Install and configure the appropriate CA certificate on all domain controllers
- D. Verify that system administrators are in the domain administrator group in the main office

Correct Answer: A

QUESTION 2

Which of the following is the proper way to quantify the total monetary damage resulting from an exploited vulnerability?

- A. Calculate the ALE
- B. Calculate the ARO
- C. Calculate the MTBF
- D. Calculate the TCO

Correct Answer: A

QUESTION 3

During a recent audit, it was discovered that many services and desktops were missing security patches. Which of the following BEST describes the assessment that was performed to discover this issue?

- A. Network mapping
- B. Vulnerability scan
- C. Port Scan
- D. Protocol analysis

Correct Answer: B

QUESTION 4



A project team is developing requirements of the new version of a web application used by internal and external users. The application already features username and password requirements for login, but the organization is required to implement multifactor authentication to meet regulatory requirements. Which of the following would be added requirements will satisfy the regulatory requirement? (Select THREE.)

- A. Digital certificate
- B. Personalized URL
- C. Identity verification questions
- D. Keystroke dynamics
- E. Tokenized mobile device
- F. Time-of-day restrictions
- G. Increased password complexity
- H. Rule-based access control

Correct Answer: ACE

QUESTION 5

Ann, a security administrator, has been instructed to perform fuzz-based testing on the company's applications. Which of the following best describes what she will do?

- A. Enter random or invalid data into the application in an attempt to cause it to fault
- B. Work with the developers to eliminate horizontal privilege escalation opportunities
- C. Test the applications for the existence of built-in back doors left by the developers
- D. Hash the application to verify it won't cause a false positive on the HIPS.

Correct Answer: A

QUESTION 6

A new security policy in an organization requires that all file transfers within the organization be completed using applications that provide secure transfer. Currently, the organization uses FTP and HTTP to transfer files. Which of the following should the organization implement in order to be compliant with the new policy?

- A. Replace FTP with SFTP and replace HTTP with TLS
- B. Replace FTP with FTPS and replaces HTTP with TFTP
- C. Replace FTP with SFTP and replace HTTP with Telnet
- D. Replace FTP with FTPS and replaces HTTP with IPSec

Correct Answer: B



QUESTION 7

An employee in the accounting department recently received a phishing email that instructed them to click a link in the email to view an important message from the IRS which threatened penalties if a response was not received by the end of the business day. The employee clicked on the link and the machine was infected with malware. Which of the following principles BEST describes why this social engineering ploy was successful?

- A. Scarcity
- B. Familiarity
- C. Social proof
- D. Urgency

Correct Answer: A

QUESTION 8

Public key certificates and keys that are compromised or were issued fraudulently are listed on which of the following?

- A. PKI
- B. ACL
- C. CA
- D. CRL

Correct Answer: D

A CRL is a locally stored record containing revoked certificates and revoked keys.

QUESTION 9

A company needs to provide a secure backup mechanism for key storage in a PKI. Which of the following should the company implement?

- A. Ephemeral keys
- B. Steganography
- C. Key escrow
- D. Digital signatures

Correct Answer: C

QUESTION 10



A user has called the help desk to report an enterprise mobile device was stolen. The technician receiving the call accesses the MDM administration portal to identify the device's last known geographic location. The technician determines the device is still communicating with the MDM. After taking note of the last known location, the administrator continues to follow the rest of the checklist. Which of the following identifies a possible next step for the administrator?

- A. Remotely encrypt the device
- B. Identify the mobile carrier's IP address
- C. Reset the device password
- D. Issue a remote wipe command

Correct Answer: D

QUESTION 11

Which of the following IP addresses would be hosts on the same subnet given the subnet mask 255.255.255.224? (Select TWO).

- A. 10.4.4.125
- B. 10.4.4.158
- C. 10.4.4.165
- D. 10.4.4.189
- E. 10.4.4.199

Correct Answer: CD

With the given subnet mask, a maximum number of 30 hosts between IP addresses 10.4.4.161 and 10.4.4.190 are allowed. Therefore, option C and D would be hosts on the same subnet, and the other options would not.

References: <http://www.subnetonline.com/pages/subnet-calculators/ip-subnet-calculator.php>

QUESTION 12

A software company sends their offsite backup tapes to a third party storage facility. TO meet confidentiality the tapes should be:

- A. Labeled
- B. Hashed
- C. Encrypted
- D. Duplicated

Correct Answer: A



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